

# Journal of Athletic Training

Official Publication of the National Athletic Trainers' Association, Inc

Volume 53, Number 1, January 2018

## Position Statement

- National Athletic Trainers' Association Position Statement: Prevention of Anterior Cruciate Ligament Injury**  
Darin A. Padua, PhD, ATC; Lindsay J. DiStefano, PhD, ATC; Timothy E. Hewett, PhD; William E. Garrett, PhD, MD; Stephen W. Marshall, PhD; Grace M. Golden, PhD, ATC, CSCS; Sandra J. Shultz, PhD, ATC, FNATA, FACSM; Susan M. Sigward, PhD, PT, ATC ..... 5

## Injury Prevention and Risk Factor Screening

- A School-Based Neuromuscular Training Program and Sport-Related Injury Incidence: A Prospective Randomized Controlled Clinical Trial**  
Kim D. Barber Foss, MS, LAT, ATC, CCRP; Staci Thomas, MS; Jane C. Khoury, PhD; Gregory D. Myer, PhD; Timothy E. Hewett, PhD ..... 20
- The Functional Movement Screen as a Predictor of Injury in National Collegiate Athletic Association Division II Athletes**  
Bryan Dorrel, PhD, ATC; Terry Long, PhD; Scott Shaffer, PhD, PT, OCS, ECS; Gregory D. Myer, PhD ..... 29
- Normative Functional Performance Values in High School Athletes: The Functional Pre-Participation Evaluation Project**  
James A. Onate, PhD, ATC, FNATA; Cambrie Starkel, MS; Daniel R. Clifton, MEd, ATC; Thomas M. Best, MD, PhD; James Borchers, MD, MPH; Ajit Chaudhari, PhD; R. Dawn Comstock, PhD; Nelson Cortes, PhD; Dustin R. Grooms, PhD, ATC; Jay Hertel, PhD, ATC, FNATA, FACSM; Timothy E. Hewett, PhD; Meghan Maume Miller, MS, ATC; Xueliang Pan, PhD; Eric Schussler, PhD, PT, ATC; Bonnie L. Van Lunen, PhD, ATC, FNATA ..... 35
- Fatal Exertional Heat Stroke and American Football Players: The Need for Regional Heat-Safety Guidelines**  
Andrew J. Grundstein, PhD; Yuri Hosokawa, PhD, ATC; Douglas J. Casa, PhD, ATC, FNATA, FACSM ..... 43

## Medical Aspects

- Collegiate Athletic Trainers' Knowledge of the Female Athlete Triad and Relative Energy Deficiency in Sport**  
Emily Kroshus, ScD, MPH; J. D. DeFreese, PhD; Zachary Y. Kerr, PhD, MPH ..... 51

## Shoulder

- Pitch Volume and Glenohumeral and Hip Motion and Strength in Youth Baseball Pitchers**  
Josie L. Harding, MS; Kelsey J. Picha, MS, ATC; Kellie C. Huxel Bliven, PhD, ATC ..... 60

## Ankle

- Collegiate Football Players' Ankle Range of Motion and Dynamic Balance in Braced and Self-Adherent-Taped Conditions**  
Kristin Willeford, MS, ATC; Justin M. Stanek, EdD, ATC; Todd A. McLoda, PhD, AT ..... 66

## Professional Concerns

- Validation of the Professional Identity and Values Scale Among an Athletic Trainer Population**  
Christianne M. Eason, PhD, ATC; Stephanie M. Mazerolle, PhD, ATC, FNATA; Craig R. Denegar, PhD, PT, ATC, FNATA; Laura Burton, PhD; Jennifer McGarry, PhD ..... 72
- Multilevel Examination of Job Satisfaction and Career Intentions of Collegiate Athletic Trainers: A Quantitative Approach**  
Christianne M. Eason, PhD, ATC; Stephanie M. Mazerolle, PhD, ATC, FNATA; Craig R. Denegar, PhD, PT, ATC, FNATA; William A. Pitney, EdD, ATC, FNATA; Jennifer McGarry, PhD ..... 80

## **Applied Statistics**

<b>Statistical Primer for Athletic Trainers: The Essentials of Understanding Measures of Reliability and Minimal Important Change</b>	
Bryan L. Riemann, PhD, ATC, FNATA; Monica R. Lininger, PhD, LAT, ATC .....	98

### **CEU Quiz**

The CEU quiz for the current issue  
of the *Journal of Athletic Training*  
is located online at  
[www.nata.org/quiz-center](http://www.nata.org/quiz-center)

### **38th Annual Student Writing Contest**

**All materials must be received on or before March 1, 2018**

The electronic file is to be submitted to [LLDewald@gmail.com](mailto:LLDewald@gmail.com) and  
hard copy materials mailed to

NATA Undergraduate Student Writing Contest

Attention: Angela Deleon

1620 Valwood Parkway, Suite 115

Carrollton, TX 75006

Details of the contest are located at

<http://www.nata.org/undergraduate-student-writing-contest>

For questions about the contest, contact

Dr. Lori Dewald, EdD, ATC, MCHES, F-AAHE

[LLDewald@gmail.com](mailto:LLDewald@gmail.com)